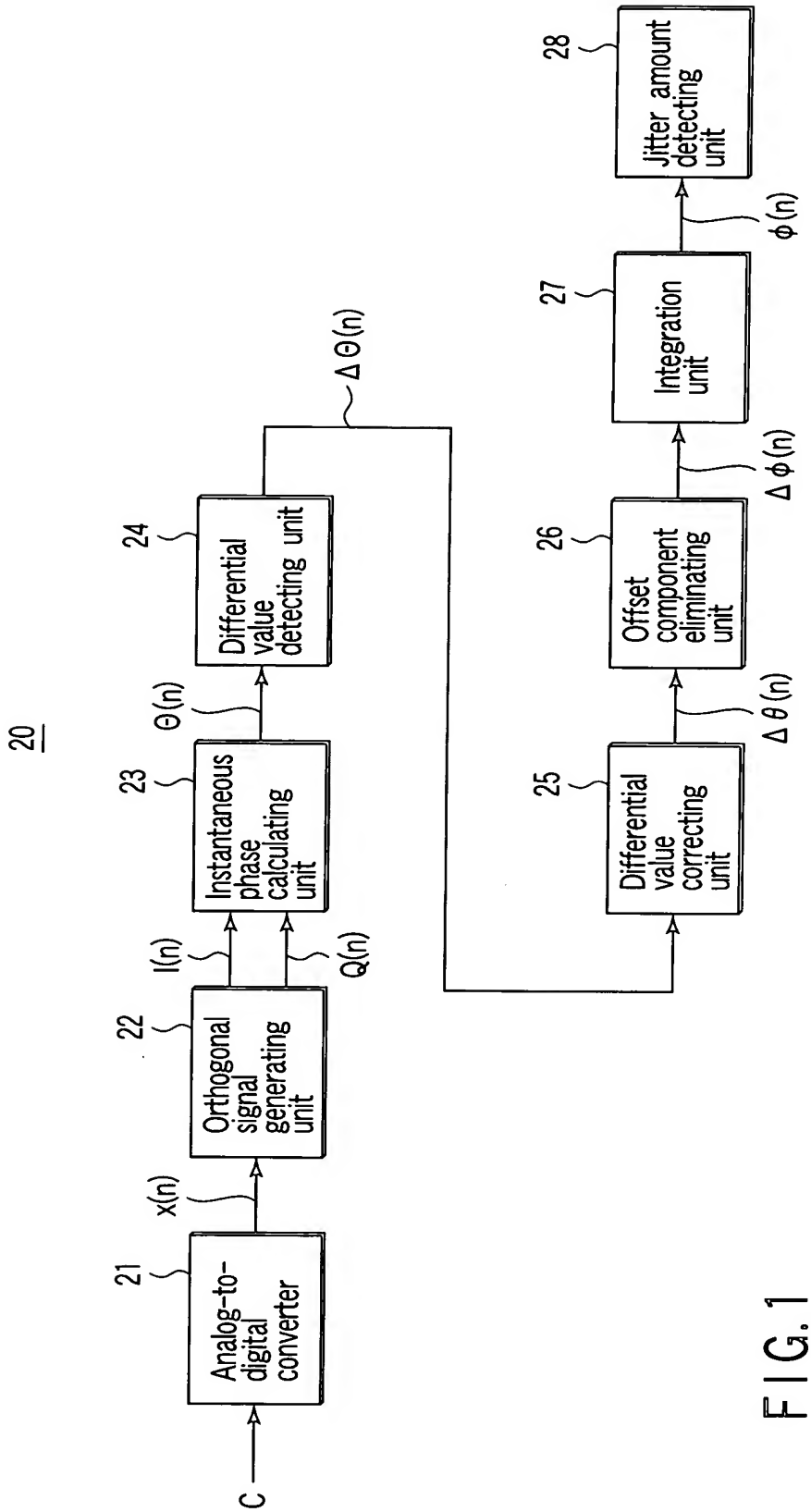
20
C
21
Analog-to-digital converter
x(n)
22
Orthogonal signal generating unit
I(n)
Q(n)
23
Instantaneous phase calculating unit
Θ(n)
24
Differential value detecting unit
ΔΘ(n)
25
Differential value correcting unit
Δθ(n)
26
Offset component eliminating unit
Δφ(n)
27
Integration unit
φ(n)
28
Jitter amount detecting unit

FIG. 1

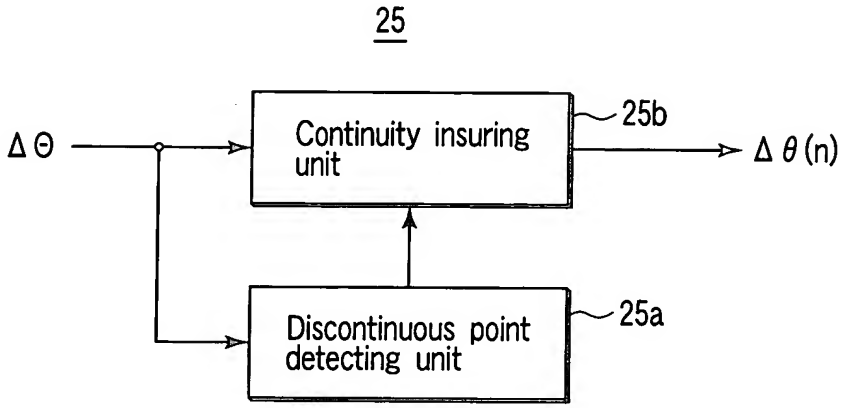

FIG. 2A

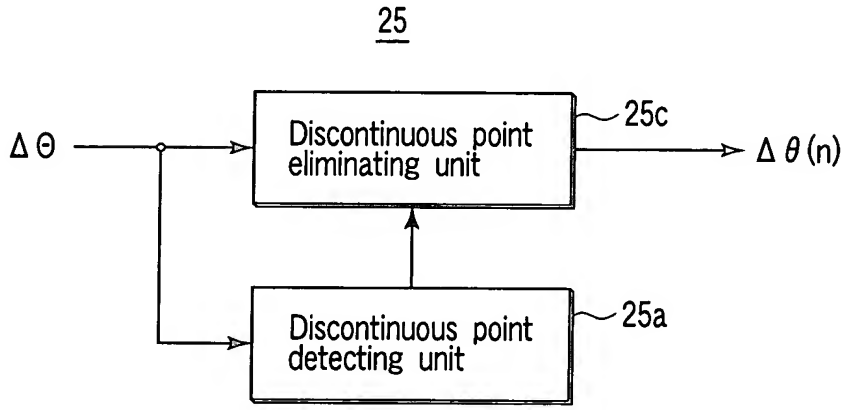

FIG. 2B

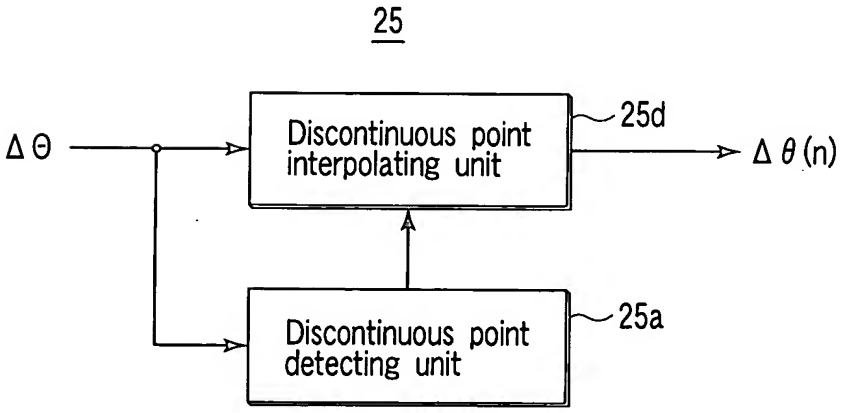

FIG. 2C

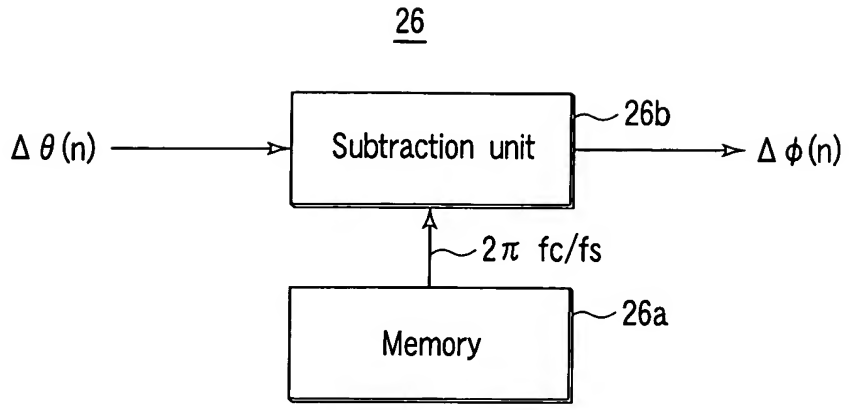

FIG. 3A

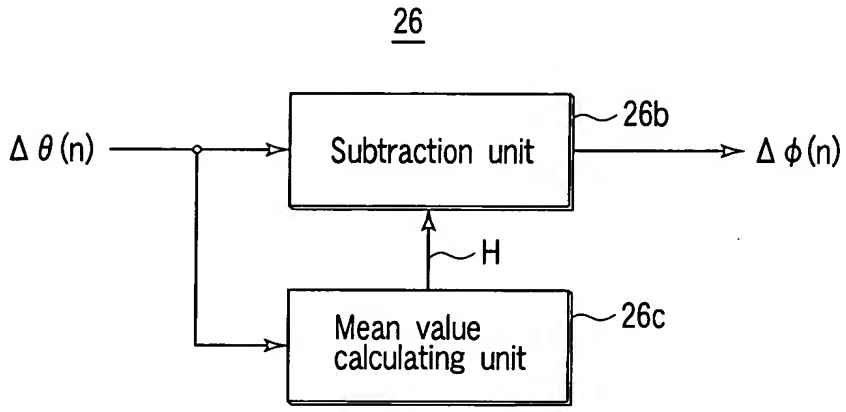

FIG. 3B

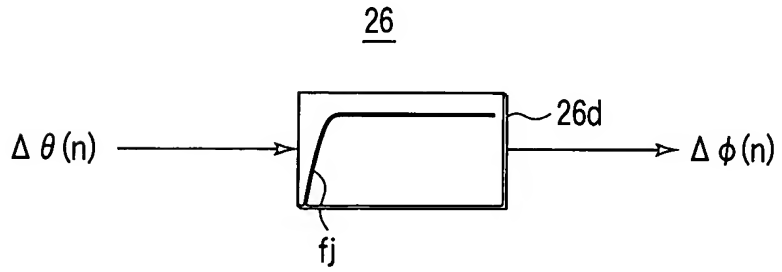

FIG. 3C

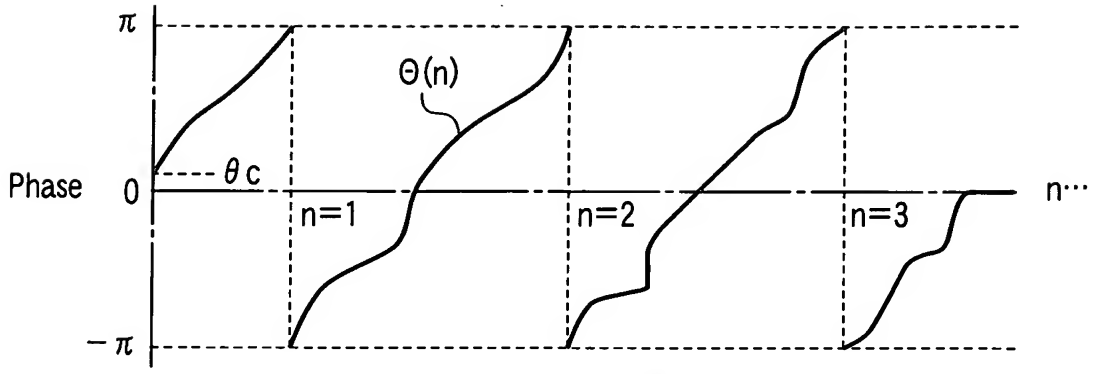

FIG. 4A

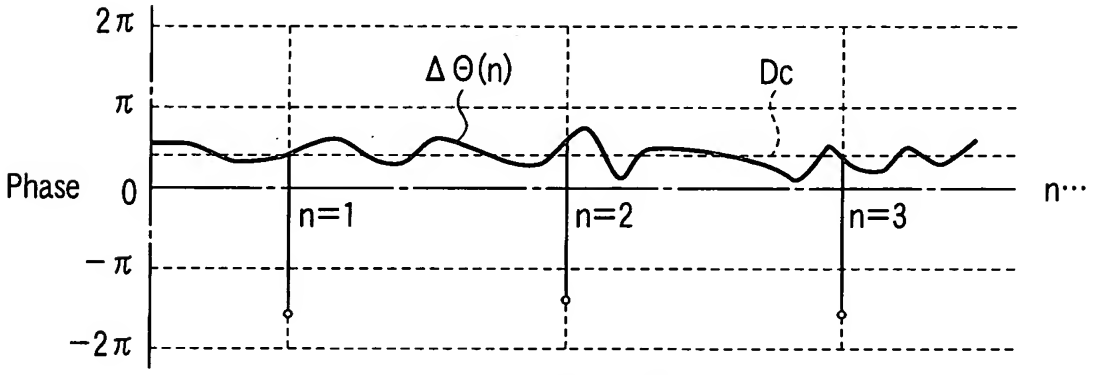

FIG. 4B

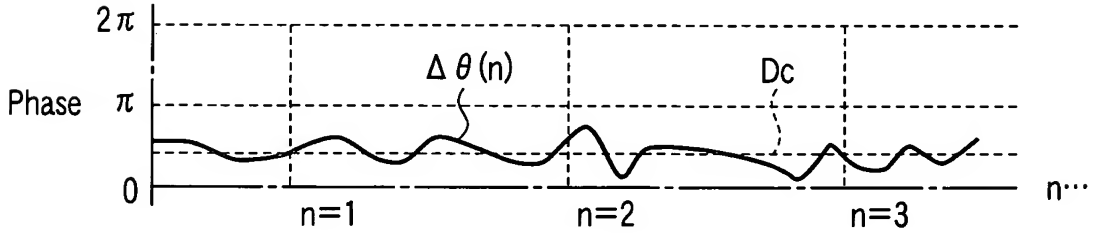

FIG. 4C

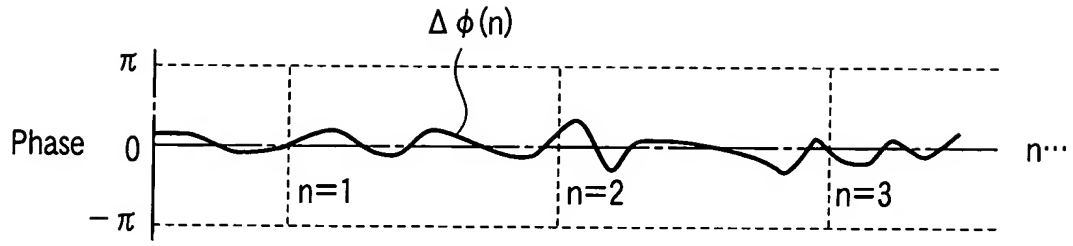

FIG. 4D

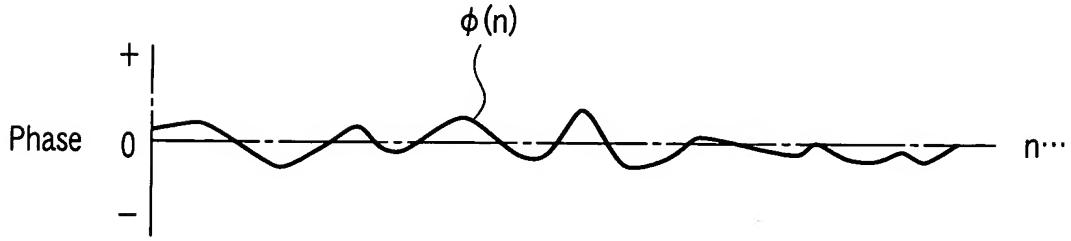

FIG. 4E

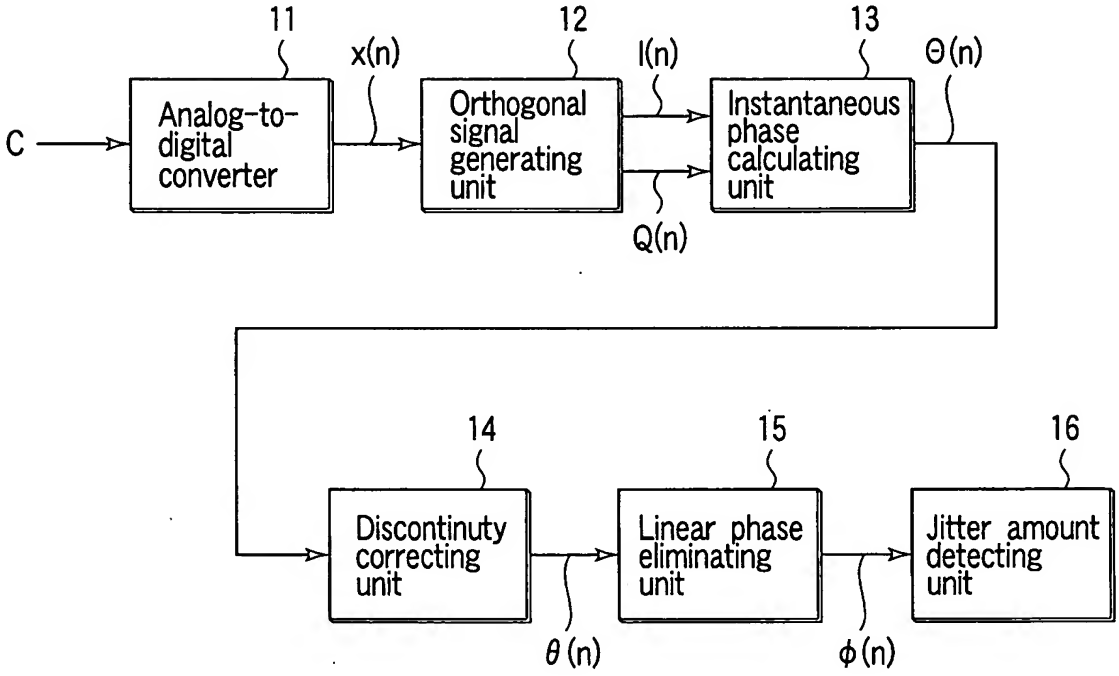

FIG. 5
(PRIOR ART)

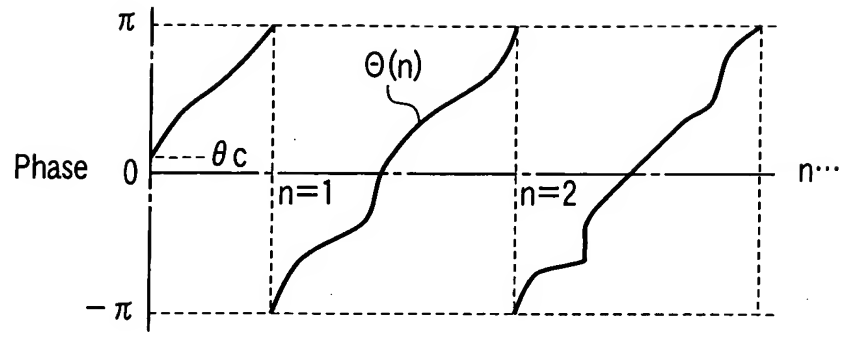

FIG. 6A
(PRIOR ART)

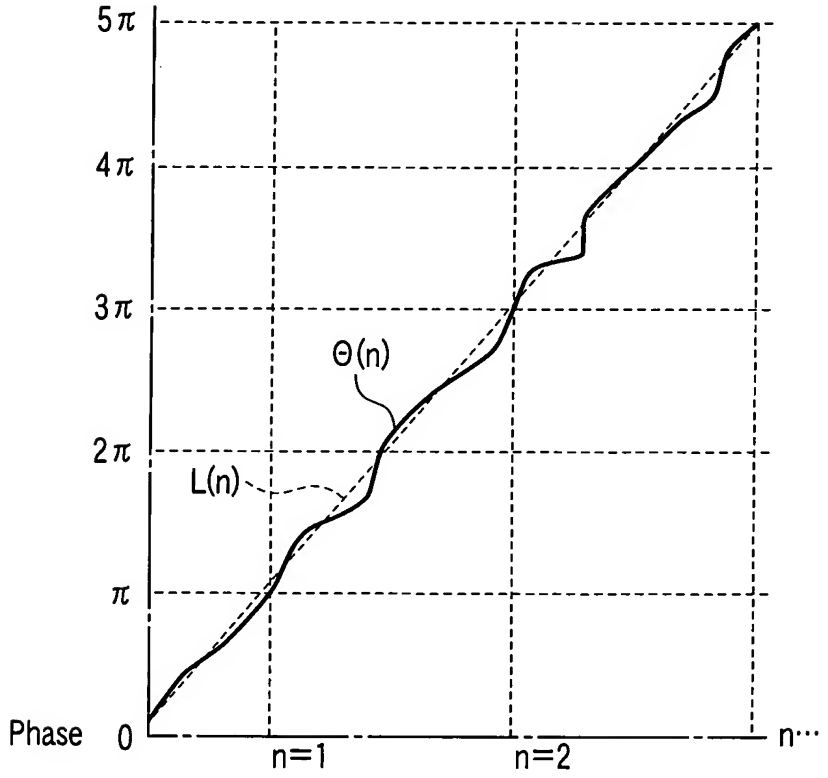

FIG. 6B
(PRIOR ART)

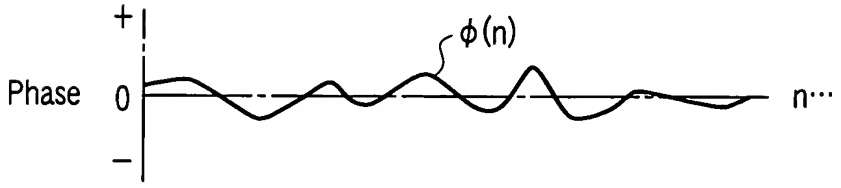

FIG. 6C
(PRIOR ART)